

ABSTRACT OF THE DISCLOSURE

Described herein is a system for executing distributed transactions. A participant and a coordinator cooperate to execute a distributed transaction, the distributed transaction including a transaction executed by the participant. To manage the transaction, the coordinator and the participant communicate over a network using, for example, a stateless protocol. The distributed transaction may be terminated when communication between the participant and coordinator regarding the transaction does not occur within a time period. The time period may reflect the time required for a coordinator to send a message and a participant to acknowledge receipt of the message, and the time for the participant to perform operations executed for the transaction. The latency of network traffic between the participant and the coordinator is monitored, and the time periods adjusted accordingly. In addition, the amount of time required for the participant to execute operations for the transaction is monitored, and the time periods adjusted accordingly.

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